

VEGAH 33_ _ _ _RG2V

Low Flicker - ECODESIGN

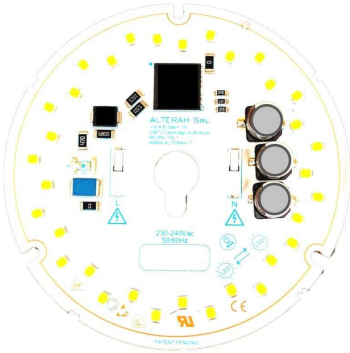
230Vac 10 - 18 - 24W

Phase cut Dimmable

No driver is required



Short form Characteristics



ELECTRICAL

Power	10W	18W	24W
Input Voltage	230V		
Input Voltage range	207-240V		
Power factor	0,98		
Total harmonic distortion	<15%		
Type of current	AC		
Surge protection	1500V		
Fast transient burst	2000V		
Over temp.protection	150°C		
Energy class	E		
Inrush Current (max)	<30mA		

PHOTOMETRICAL

Flux nominal	1150lm	2070lm	2760lm
Efficiency	>115 lm/w		
Number of LED's	30		
Rendering Index	>Ra80 (available Ra90)		
SDCM (Mac Adam)	3		
Pst LM	0,9		
Stroboscopic effect svm	0,4		
Spread angle lens	130°		
Colour temperatures	2700K 3000K 4000K		

ENVIRONMENTAL

Led Tc Point	85°C		
Temperature range	-40°C to 65°C		
Relative Humidity	10-75%		
Ambient air pressure	500-1060 hPa		

MECHANICAL


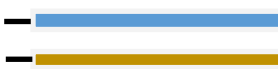
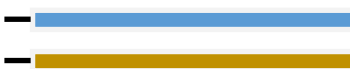
Module dimension	Diam. 100mm h 14mm		
Weight	23 gr		
Assembly holes	3 x 3,2mm		
Connection	No 2 pad to solder diameter 2,5mm		

LIFE LENGHT

Life lenght L70B10	>50 000h		
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CODE	EPREL	W	K	Note
VH 331032RG2V		10	2700	
VH 331033RG2V		10	3000	
VH 331034RG2V	802879	10	4000	
VH 331832RG2V		18	2700	
VH 331833RG2V		18	3000	
VH 331834RG2V		18	4000	
VH 332432RG2V		24	2700	
VH 332433RG2V		24	3000	
VH 332434RG2V		24	4000	

Connection solutions

M	C2	C4
 <p>n° 2 connector WAGO ® 2060</p>	 <p>n° 2 Cable 20 cm pre-solded on the led the module</p>	 <p>n° 2 Cable 40 cm pre-solded on the led module</p>

VH.nn.ww.v.k.s.G2.c.xx.yy

NN	Numero led
WW	Potenza
Voltage	(1) 110V (3) 230V (4) 240V
K	(2) 2700K (3) 3000K (4) 4000K (29) 2K7 CRI90 (39) 3K0 CRI90 (49) 4K0 CRI90
S	(C) Cob (Q) Quadro (R) Rotondo (S) Lineare (H) Corona
Capacitor	(A) Axial (V) Vertical
XX	M1 (Connector) C2 (Cable 20cm) C4 (Cable 40cm)
YY	TM (Thermal pad mono adhesive) TB (Thermal pad bi adhesive)

L-N Ac main connections wire

Pin Spacing	4 mm / 0.157 in.			Conductor Data	
Ratings per	IEC/EN 60664-1			Connection technology	CAGE CLAMP® S
Overtoltage category	III	III	II	Conductor size: solid	0.2-0.75 mm ²
Pollution degree	3	2	2	Conductor size: fine-stranded	0.2-0.75 mm ²
Rated voltage	63 V	160 V	320 V	Conductor size: fine-stranded	0.25-0.34 mm ² (with insulated ferrule)
Rated impulse voltage	2.5 kV	2.5 kV	2.5 kV	Conductor size: fine-stranded	0.25-0.34 mm ² (with insulated ferrule)
Rated current	9 A	9 A	9 A	Conductor size: fine-stranded	0.25-0.34 mm ² (with insulated ferrule)
Approvals per	UL 1977			AWG	24-18
Rated voltage, 1-pole	600 V			Strip length	7-9 mm / 0.28-0.35 in.
Rated voltage, 2 or more poles	250 V				
Rated current (UL)	9 A				

